



Docket No.: HOK-0246  
(PATENT)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Yusuke Hashimoto et al.

Application No.: 10/510,216

Confirmation No.: 8632

Filed: October 5, 2004

Art Unit: 2878

For: LIGHT RECEIVING DEVICE WITH  
CONTROLLABLE SENSITIVITY AND  
SPATIAL INFORMATION DETECTING  
APPARATUS USING THE SAME

Examiner: Q. T. Le

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 or PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 or PTO/SB/08 be returned in accordance with MPEP §609.

- ☒ A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98
- ☒ excluding a copy of U.S. patent or U.S. patent application publication as waived by the U.S. Patent and Trademark Office, since this application was filed after June 30, 2003 or has entered the national stage under 35 U.S.C. § 371 after June 30, 2003 (1276 OG 55).

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

1. Concise Explanation of Relevancy of the Document

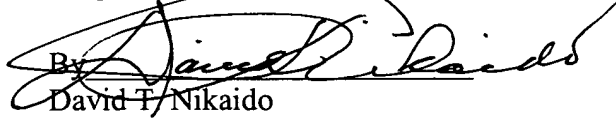
- ☐ Any document having neither English translation nor English abstract has been cited in a communication from a foreign patent office in a counterpart foreign application or international application, or its related application. A copy of the communication is attached hereto, accompanied by English translation of at least relevant part, if it is not in English. English translation of the document is not readily available; however, the absence of such translations does not relieve the PTO from its duty to consider the submitted document (37 C.F.R. §1.98 and MPEP §609).
- ☐ The relevance of a document having no English translation or abstract is explained in the parent application above.
- ☒ Any document having neither English translation nor English abstract relates to the subject matter of the above-identified application. English translation of the document is not readily available; however, the absence of such translations does not relieve the PTO from its duty to consider the submitted document (37 C.F.R. §1.98 and MPEP §609).
- ☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311 or an action that otherwise closes prosecution in the application, but before payment of the Issue Fee (37 C.F.R. §1.97(d)). Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. The Patent Office is authorized to charge deposit account 18-0013 in the amount of \$180.00 under 37 CFR §§ 1.97(d)(2) and 1.17(p) in view of the statement below.
- ☒ a. Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. No item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2). The Certification under 37 CFR §1.97(e)(2) is attached hereto.

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- ☒ 2. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 18-0013 as needed to ensure consideration of the disclosed information.

Dated: September 8, 2006

Respectfully submitted,

By   
David T. Nikaido

Registration No.: 22,663  
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Correspondence Customer Number: 23353  
Attorney for Applicant

Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/510,216-Conf. #8632
Filing Date	October 5, 2004
First Named Inventor	Yusuke Hashimoto
Art Unit	2878
Examiner Name	Q. T. Le
Attorney Docket Number	HOK-0246

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-2004/0195493	10-07-2004	HASHIMOTO et al.	
	AB*	US-2005/0145773	07-07-2005	HASHIMOTO et al.	
	AC*	US-6,777,659	08-17-2004	SCHWARTE	
	AD*	US-6,825,455	11-30-2004	SCHWARTE	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	JP-2001-268445	09-28-2001	FUJI XEROX CO LTD		
	BB	JP-3758618	01-13-2006	MATSUSHITA ELECTRIC WORKS, LTD.		
	BC	JP-2004-309310	11-04-2004	MATSUSHITA ELECTRIC WORKS, LTD.		
	BD	JP-2004-32682	01-29-2004	MATSUSHITA ELECTRIC WORKS, LTD.		
	BE	WO-02/49339	06-20-2002	CANESTA, INC.		
	BF	WO-01/84182	11-08-2001	CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE		
	BG	JP-2002-516490	06-14-2002	SCHWARTE		
	BH	JP-2000-517427-A	12-26-2000	SCHWARTE		✓
	BI	JP-10-508736	08-25-1998	LEICA AG		✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Notification of Reasons for Refusal dated June 27, 2006	
	CB	Robert LANGE, ET AL. "DEMODULATION PIXELS IN CCD AND CMOS TECHNOLOGIES FOR TIME-OF-FLIGHT RANGING", In Sensors and Camera Systems for Scientific, Industrial, and Digital Photography Applications, Morley M. Blouke, et al., Editors, Proceedings of SPIE Vol. 3965; pp. 177-188 (May 2000)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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